Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 16 Dec 2023 until 23:59 on Sunday 17 Dec 2023

Forecast Issued on Saturday 16 Dec 2023 at 01:01

Confidence: High for cloudy and very windy conditions over the weekend with rain at times. Lower confidence for details next week with some uncertainty in the track and development of bands of rain.

Headline for Saturday 16 Dec 2023: Strong and gusty winds. Poor visibility and drizzle.

Mountain weather hazards on Saturday 16 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Drizzle	Drizzle	Light rain	Light rain	Light rain
Precipitation probability					
60%	70%	60%	60%	60%	60%

Forecast for Saturday 16 Dec 2023

Weather: Cloudy with occasional light rain or drizzle but some drier brighter intervals possible in the east. Drizzle is likely to be persistent across some western slopes.

Chance of cloud-free hill tops above 600m: Less than 10% in west, 20% in east.

Low Cloud and visibility: Extensive cloud will obscure tops above 300m in the west rising to 400m, and occasionally broken in the east. Below the cloud, visibility falling to a few kilometres in drizzle

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 16 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/34 SW	24/34 SW	25/37 SW	25/36 SW	25/36 SW	25/38 SW	28/41 SW
300	12/28 SW	18/36 SW	20/40 SW	18/37 SW	17/34 SW	18/37 SW	17/36 SW
Valley	10/23 SW	14/30 SW	15/31 SW	14/30 SW	14/30 SW	15/32 SW	14/30 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/0	6/1	6/0	6/1	6/1	6/0	6/1
300	7/4	8/4	8/4	8/4	8/4	8/4	8/4
Valley	8/6	9/6	9/6	9/6	9/6	9/6	9/6
Freezing Level*	2200m	2200m	2100m	2000m	2000m	2000m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Pretty poor conditions on tops with strong winds and poor visibility leading to difficult navigation. Despite mild temperatures wind chill will lead to it feeling noticeably colder. Warm and waterproof layers essential.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 16 Dec 2023	0.6mm	3mm	3.6mm

Forecast for Sunday 17 Dec 2023

Weather: Another cloudy day with outbreaks of light rain or drizzle. Gusty winds strengthening a little more, to become very strong at times, especially across exposed ridges.

Maximum wind: Southwesterly 40mph gusts 50-55mph.

Chance of cloud-free hill tops above 600m: Less than 10% in west but 20% in east.

Low Cloud and visibility: Extensive cloud obscuring hills above 300m, rising to 500m in the east, with a few breaks possible. Below the cloud visibility falling to a few kilometres in drizzle.

Temperature: **Valleys:** Plus 8 Celsius rising to Plus 11 Celsius.
At 600m: Plus 6 Celsius.
Freezing level: Above summits.

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